

TEAM ID	PNT2022TMID36
PROJECT NAME	Containment Zon

IBM DB CONNECT WITH PYTHON

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Db2-qj ✔ Active [Add tags](#) [🔗](#)

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Getting started

Where can I find my credentials?

Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".

Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

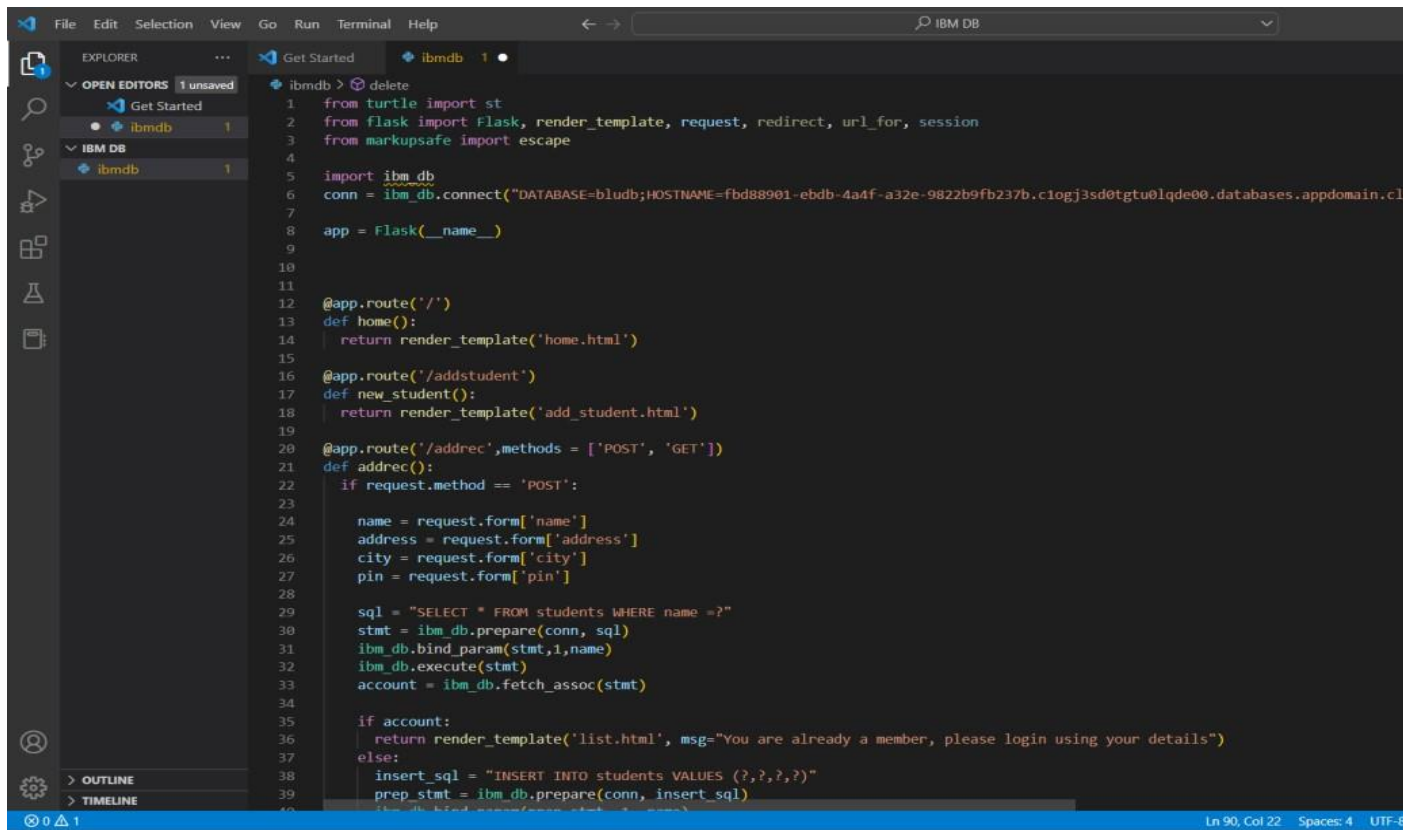
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Need help?

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```
File Edit Selection View Go Run Terminal Help
ibmdb > delete
1 from turtle import st
2 from flask import Flask, render_template, request, redirect, url_for, session
3 from markupsafe import escape
4
5 import ibm_db
6 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgtu0lqde00.databases.appdomain.c1
7
8 app = Flask(__name__)
9
10
11
12 @app.route('/')
13 def home():
14     return render_template('home.html')
15
16 @app.route('/addstudent')
17 def new_student():
18     return render_template('add_student.html')
19
20 @app.route('/addrec', methods = ['POST', 'GET'])
21 def addrec():
22     if request.method == 'POST':
23
24         name = request.form['name']
25         address = request.form['address']
26         city = request.form['city']
27         pin = request.form['pin']
28
29         sql = "SELECT * FROM students WHERE name =?"
30         stmt = ibm_db.prepare(conn, sql)
31         ibm_db.bind_param(stmt,1,name)
32         ibm_db.execute(stmt)
33         account = ibm_db.fetch_assoc(stmt)
34
35         if account:
36             return render_template('list.html', msg="You are already a member, please login using your details")
37         else:
38             insert_sql = "INSERT INTO students VALUES (?, ?, ?, ?)"
39             prep_stmt = ibm_db.prepare(conn, insert_sql)
40             ibm_db.execute(prepare_stmt, (name, address, city, pin))
```

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SQL

Data objects

Filter objects

XZK99149

*Untitled - 1

1 INSERT INTO USER VALUES('raju@gmail.com','RAJU','9089','Raju@ibm');

2 INSERT INTO USER VALUES('ajay@gmail.com','AJAY','7898','Ajay@ibm');

History

Find history

Script	Date	Status
^ Untitled - 1	Nov 17, 2022 9:30:34 PM	2
INSERT INTO USER VALUES('raju@gmail.com','RAJU','9089','Raju@ibm')		
INSERT INTO USER VALUES('ajay@gmail.com','AJAY','7898','Ajay@ibm')		
v Untitled - 1	Nov 17, 2022 9:30:26 PM	2
v Untitled - 1	Nov 17, 2022 9:25:11 PM	1

SQL

XZK99149.USER

EMAIL	USERNAME	ROLLNO	PASSWORD
ajay@gmail.com	AJAY	7898	Ajay@ibm
ajay@gmail.com	AJAY	7898	Ajay@ibm
raju@gmail.com	RAJU	9089	Raju@ibm
raju@gmail.com	RAJU	9089	Raju@ibm